

# Farmer Cletus

2. Design a procedure for a controlled, one variable experiment for Farmer Cletus' corn. Since we do not have access to Gro-Fast or Miraculous-Gro, we will test other fertilizers. In your experiment, you will need to test two fertilizers. Be sure to clearly identify the dependent and independent variables, your control group, and the variables you need to hold constant.
  - a. What is your hypothesis?
  - b. The independent variable is:
  - c. The dependent variable is:
  - d. The control group would consist of:
  - e. The variables to hold constant:

## Materials:

Various fertilizers  
Pots  
Soils  
Seeds  
Light source

## Procedure:

Describe what you will do (step by step) on another sheet of paper. Determine if there are any safety issues with the lab you develop (and indicate on your procedure). Also indicate the types of measurements you will make and justify your choices.

## Safety:

Wear goggles when you experiment and gloves when you handle fertilizers. Wash your hands at the end of each lab day.